

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: WilsonTan

GENERAL INFORMATION:

Name:	J.L. French Corporation
Address:	20 Prestwick Drive Glasgow, Kentucky 42141
Date application received:	February 26, 2003
SIC/Source description:	3363
AFS Plant ID:	21-009-00065
Application log number:	55554
Permit number:	V-00-038 (Revision 1)

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
<input checked="" type="checkbox"/> Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

SOURCE PROCESS DESCRIPTION:

J.L French Corporation, an existing major source, submitted a permit modification application to its existing V-00-038 permit.

J.L French Corporation intends to update the aluminum melt and scrap processing areas of the plant. The planned additions will change the process at the melt furnaces and bring the process in line with all other J.L French operations. The changes involve beginning to melt other than scrap and a corresponding need to increase chlorine injection. J.L French Corporation is requesting a permitting action that will lower their present limited limits for the emission of particulate matter. This permitting change will result in a net reduction of emissions from the furnace operations.

EMISSION AND OPERATING CAPS DESCRIPTION:

Group 1 furnaces (emission point #3) have emission limitations imposed by the NESHAP standard for secondary aluminum production facilities. The melt/hold furnaces are subject to the following emission limitations:

Particulate Matter: 0.40 lbs PM/ton feed; [40 CFR 1505(i)(2)]

HCl: 0.40 lbs/ton feed; [40 CFR 1505(i)(3)]

D/F: 2.1×10^{-4} gr D/F TEQ per ton feed. [40 CFR 1505(i)(4)]

The particulate matter emission limitation stated above has been reduced from 0.8 lbs per ton of feed (Title V: V-00-038) to 0.4 lbs of per ton of feed (Title V: V-00-038 Revision 1).